

FIG. 1

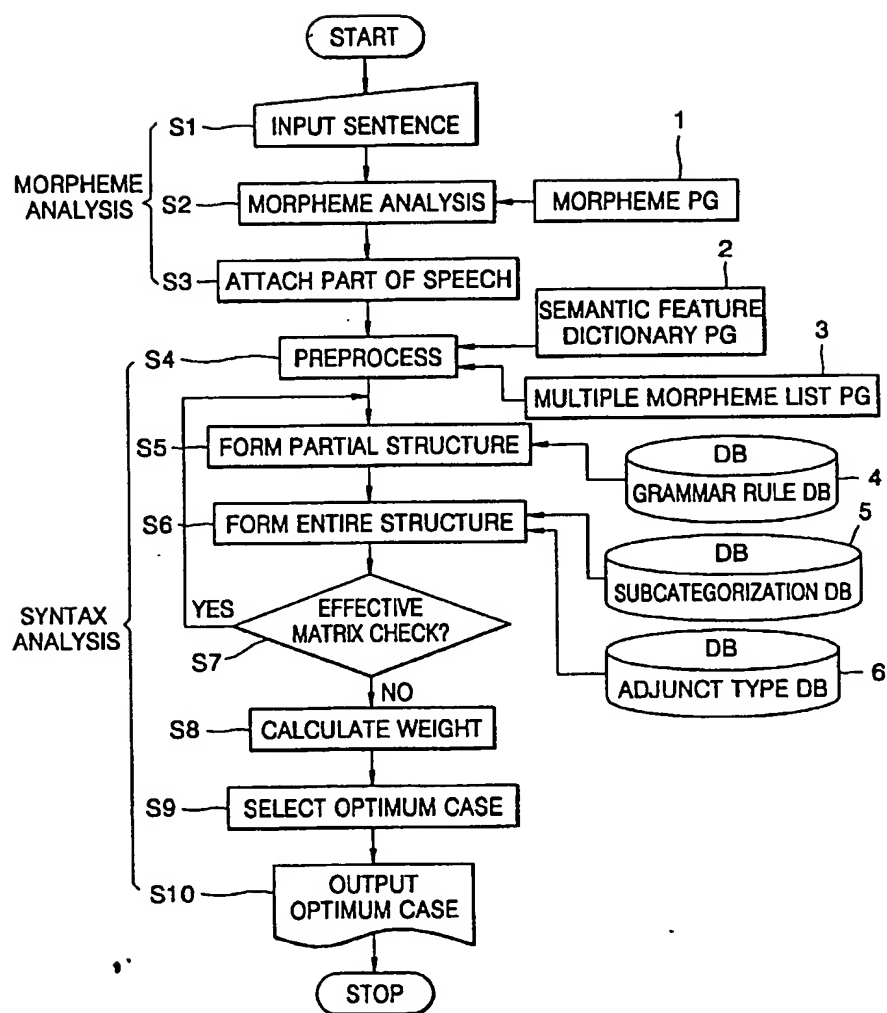


FIG. 2

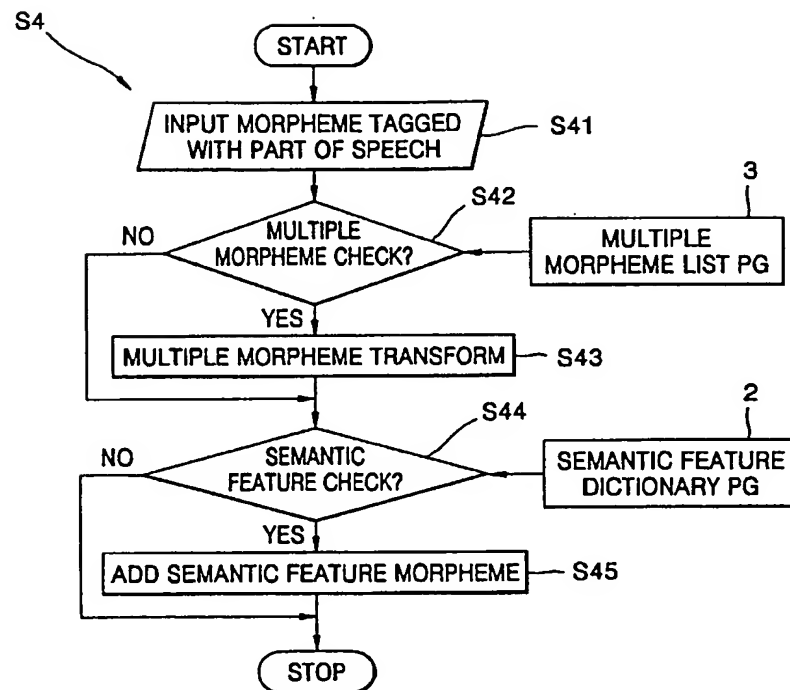


FIG. 3

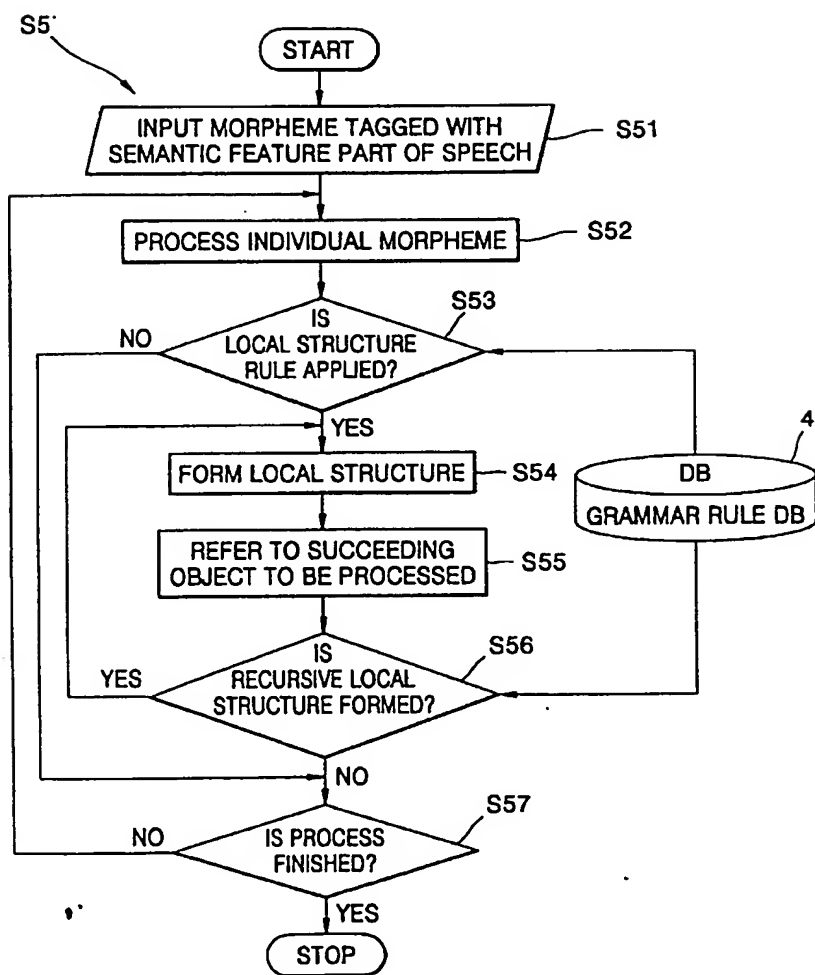


FIG. 4

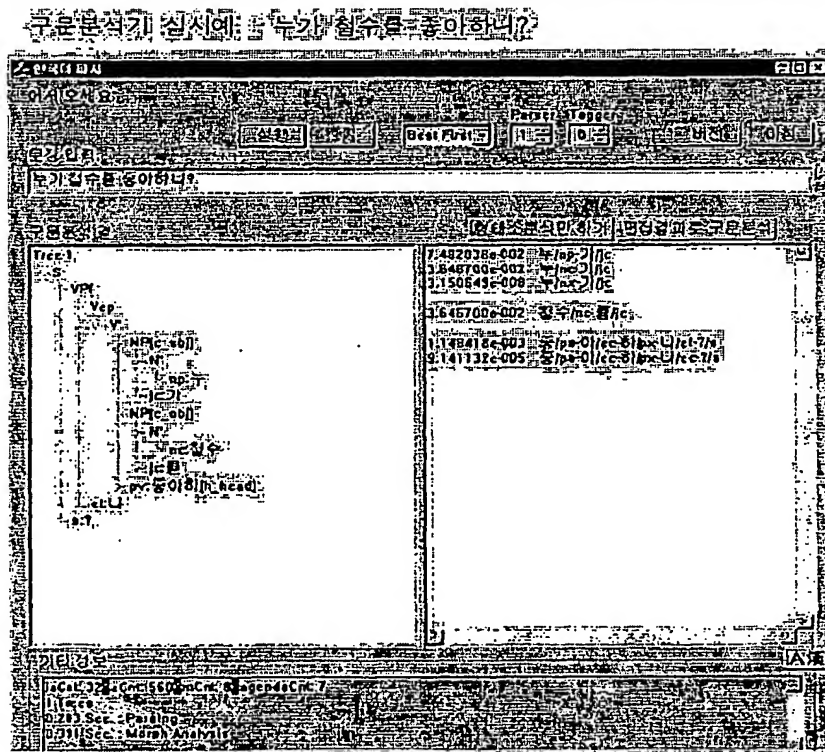


FIG. 5

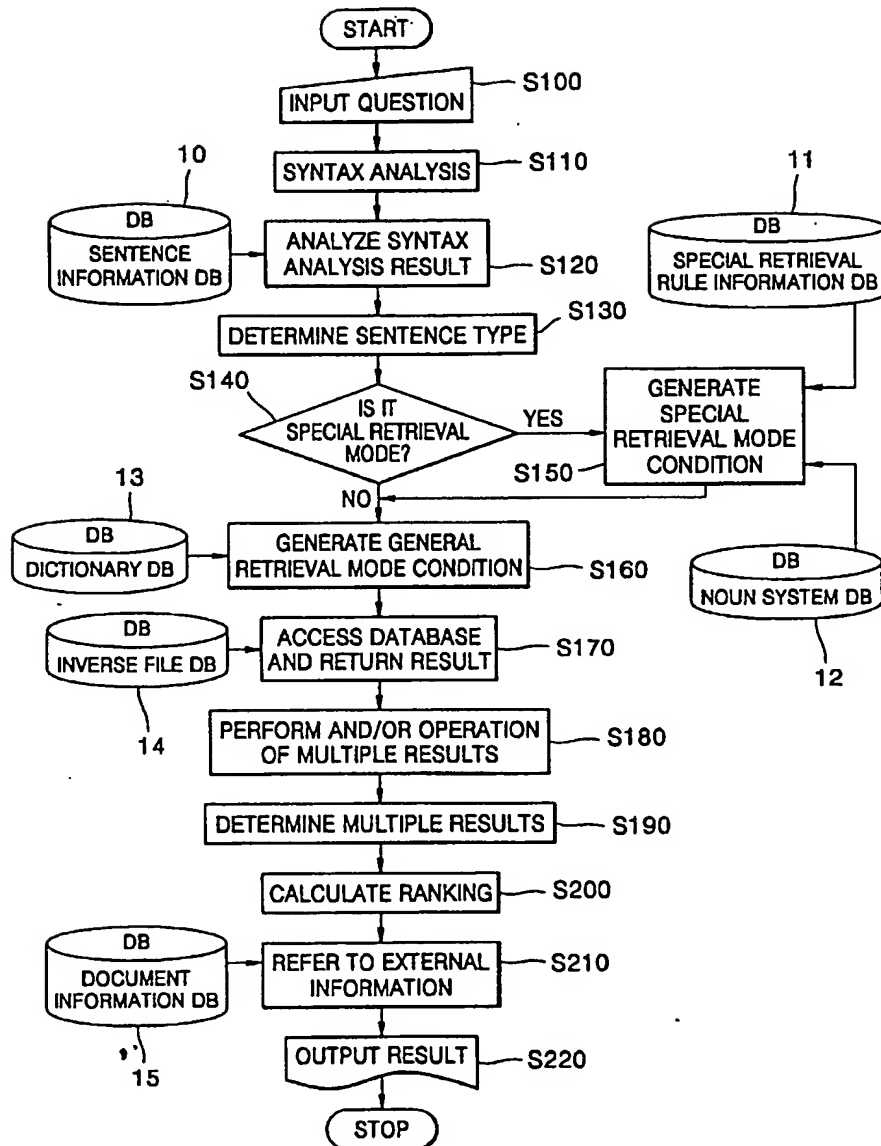


FIG. 6

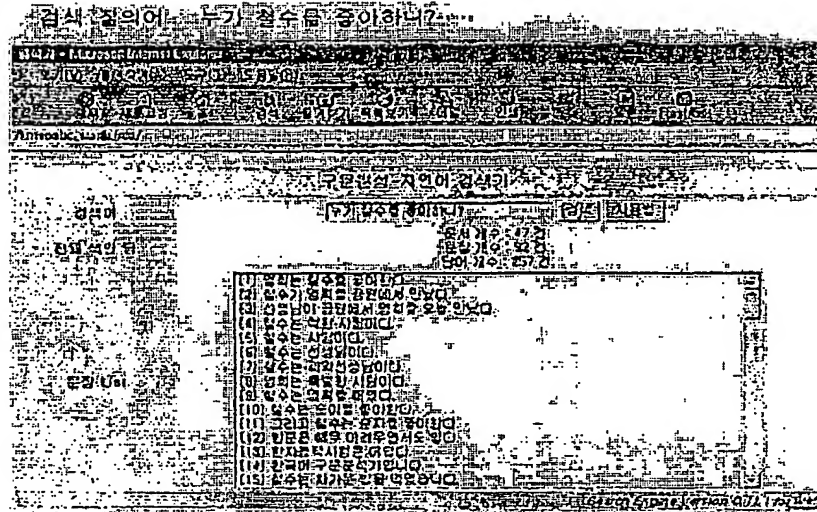
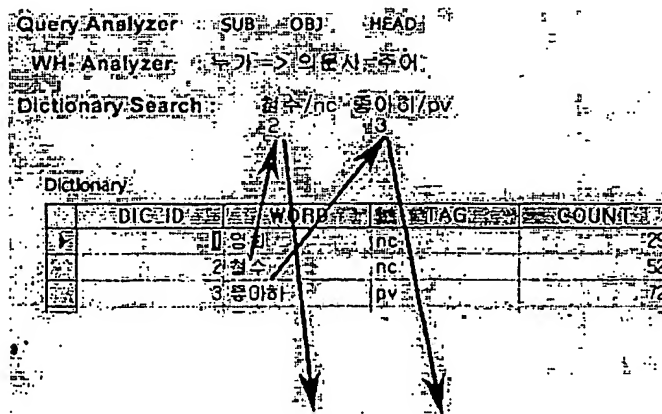


FIG. 7



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FIG. 8

Role Search: OAS (1) HEAD (5) Node: IVT ID: 1

Grammatical Role Inverted File

IVT ID	Head	Subj	Obj	Adv	Mod	Rel	Comp	Conj	Prep	Postp	Partic	Inf	Int	Excl	Interj	Other
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIG. 9

Sentence Search: IVT ID: 1 => SENTENCE ID: 1, 23, 60

IVT ID	CONTENTS
1	1, 23, 60
2	2, 57
3	3

Document Search: SENTENCE ID: 1 => PAGE ID: 1

23	5
60	22

FIG. 10

SENTENCE ID	PAGE ID	TEXT DATA
1	1	영희는 철수를 좋아한다.
2	2	철수가 영희를 공원에서 만났다.
3	3	철수가 영희를 공원에서 만났다.
4	4	스캐너의 성능이 무척 뛰어나다.
5	5	영희는 철수를 좋아한다.
6	6	준자는 영희를 좋아한다.
7	7	철수는 어제 밤을 잤다.
8	8	21 여자는 남자의 말을 알아들었다.
9	9	22 여학생이 결을 썼다.
10	10	22 영희는 철수를 좋아한다.
11	11	23 한 여인이 지하철에서 여학생이 할머니에게 지

FIG. 11

Document Information (Filename, URL) Search PAGE ID: 1, 5, 22

PAGE ID	FILENAME	LAST UPDATE	PAGE MAP
1	/data/a.txt	1030986374	1, 2, 3, 4, 5, 6, 7, 8
2	/data/New01.txt	1030986375	9
3	/data/pjs01.txt	1030986375	10, 11, 12, 13, 14, 15, 16, 17, 18
4	/data/pjs02.txt	1030986376	19, 20, 21, 22
5	/data/pjs03.txt	1030986376	23
6	/data/pjs04.txt	1030986376	24
21	/data/Wsj08.txt	1030986378	58
22	/data/Wsj10.txt	1030986378	59, 60
23	/data/Wsj10a.txt	1030986379	61
24	/data/Wsj10b.txt	1030986379	62

FIG. 12

Print Result:

[illegible]

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